
Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)

217-9197 (toll free).

Reviewer: Keisha Douglas

Timestamp: [year=2009; month=1; day=8; hr=10; min=22; sec=40; ms=875;]

Reviewer Comments:

Glu Leu Leu Asn Ser Met Asn. Ile Ser Gln Pro Thr Val Val Phe Val
115 120 125

Phe Glu Ala Lys Val Val Asp Leu Asp Thr Gly Lys Thr Leu Gly Val
370 380

Please delete invalid alpha numeric character appearing beside amino acid coding Asn at position 119 in the above sequence id# 39. Please also correct invalid amino acid numbering appearing above at positiom 375 in the sequence, please check the remaining sequences for similar errors.

Phe Lue Arg Ser Lue Gln Asp Tyr Lys Ile Gln Ser Ala Leu Leu Val 275 280 285

Please also correct invalid amino acid coding Lue appearing at position 274 and 277 in the above sample of sequence id# 41.

Glu Ala Met Lys Arg Tyr Gly Leu Asn Thr Asn His Arg Ile Val Val
65 70 75 80

Pro Ile Phe Gly ASn Gln Ile Xaa Pro Asp Thr Ala Ile Leu Ser Val 225 230 235 240 Per the above sample of sequence id# 42, please correct invalid amino acid numbering at position 75 in the sequence. Please also correct invalid amino acid coding ASn at position 229 in the sequence.

Validated By CRFValidator v 1.0.3

Application No: 09763824 Version No: 5.0

Input Set:

Output Set:

Started: 2008-12-24 10:25:15.658

Finished: 2008-12-24 10:25:19.413

Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 755 ms

Total Warnings: 36

Total Errors: 8

No. of SeqIDs Defined: 42

Actual SeqID Count: 42

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Input Set:

Output Set:

Started: 2008-12-24 10:25:15.658 **Finished:** 2008-12-24 10:25:19.413

Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 755 ms

Total Warnings: 36

Total Errors: 8

No. of SeqIDs Defined: 42

Actual SeqID Count: 42

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E	323	Invalid/missing amino acid numbering SEQID (39)at Protein (375)
E	323	Invalid/missing amino acid numbering SEQID (39) POS (376)
E	330	Invalid protein , found in SEQID(41) POS (274) Invalid Protein: Lue
E	330	Invalid protein , found in SEQID(41) POS (277) Invalid Protein: Lue
E	323	Invalid/missing amino acid numbering SEQID (42) POS (73)
E	323	Invalid/missing amino acid numbering SEQID (42)at Protein (75)
E	330	Invalid protein , found in SEQID(42) POS (229) Invalid Protein: ASn

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MURPHY, MELANIE J.
PRICE, RACHEL L.
LOWE, CHRISTOPHER R.
WHITE, PETER J.
TISI, LAURENCE C.
MURRAY, JAMES A. H .
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Phe	Ile	Gly	Val 100	Ala	Val	Ala	Pro	Ala 105	Asn	Asp	Ile	Tyr	Asn 110	Glu	Arg
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	290		Phe			295		_			300		_		
305			Asn		310					315	_				320
_			Gly _	325				_	330					335	
			Tyr 340	_				345					350		
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Phe Glu Ala Lys Val Val Asp Leu Asp Thr Gly Lys Thr Leu Gly Val 370 375 380

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Trp Leu His Ser Gly Asp Ile Ala Tyr Trp Asp Glu Asp Glu His Phe
420 425 430

Phe Ile Val Asp Arg Leu Lys Ser Leu Ile Lys Tyr Lys Gly Tyr Gln
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35 40 45

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n Gly $\ensuremath{\mathbf{1}}$